

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	7	((infrared or ir) and gas and detector and inlet and outlet and reflect\$4 and angle).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:40
L7	7	(US-20010048079-\$ or US-20040065835-\$ or US-20040256560-\$).did. or (US-4622464-\$ or US-6410918-\$ or US-5341214-\$ or US-6369387-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/08 09:46
L8	127	(gas near analy\$5) and ((inlet with outlet) with opposite with side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:47
L9	22	L8 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:47
L10	2514	250/338.5 or 250/440 or 250/343 or 250/345 and (gas near analy\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:47
L11	411	(gas near analy\$5) and ((inlet with outlet) with opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:47
L12	60	L11 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:47
S1	1	10/792180	US-PGPUB	OR	OFF	2005/03/18 08:39

## EAST Search History

S2	42038	gas near analy\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:42
S3	312	S2 and ndir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 08:40
S4	275	S3 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 08:40
S5	42038	gas near analy\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 08:57
S6	312	S5 and ndir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 08:57
S7	275	S6 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:14
S8	91	S7 and cell and flow and detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:15
S9	36	S8 and (sample adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:14

## EAST Search History

S10	6294	S5 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:14
S11	592	S10 and (sample adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:14
S12	317	S11 and cell and flow and detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:16
S13	210	S12 and reflect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:25
S14	133	S13 and "250"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:16
S15	12	S13 and 250/338.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:16
S16	2	S13 and (ball near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:26
S17	30	S13 and (ndir or dir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 09:26

## EAST Search History

S18	42038	gas near analy\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 10:17
S19	6294	S18 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 10:17
S20	592	S19 and (sample adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 10:17
S21	317	S20 and cell and flow and detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 10:17
S22	210	S21 and reflect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 10:17
S23	30	S22 and (ndir or dir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 11:19
S24	2742	250/338.5 or 250/440 or 250/343 or 250/345 and (gas near analy\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 11:20
S25	141	S24 and infrared and (sample near cell) and lens and (aperture or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 11:21

## EAST Search History

S26	134	S24 and infrared and (sample near cell) and lens and (aperture or window) and detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 11:23
S27	4	((("5282473") or ("5369277") or ("5693944") or ("5616923")),PN.	USPAT	OR	OFF	2005/03/18 11:23
S28	2742	250/338.5 or 250/440 or 250/343 or 250/345 and (gas near analy\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:40
S29	283	S28 and (lens same collimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:43
S30	0	S28 and (lens same collimat\$4) same (high with (numerical with aperture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:42
S31	0	S28 and ((lens same collimat\$4) same (high with (numerical with aperture)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:42
S32	3	S28 and ((lens same collimat\$4) same (numerical with aperture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:43
S33	7086325	high	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:42
S34	0	S28 and ((lens same collimat\$4) same (high with aperture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:43

## EAST Search History

S35	80	S29 and infrared and (sample near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:43
S36	70	S35 and reflect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:45
S37	6	S36 and (ndir or dir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 14:45
S38	7	(((\$5ball near lens) same gas) same radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 13:05
S39	41	(((\$5ball near lens) same gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 13:05
S40	132	(((\$5ball near lens) same radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 13:06
S41	44	S40 and ((\$5ball near lens) with (direct or collimat\$4 or parallel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:37
S42	132	(((\$5ball near lens) same radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:37

## EAST Search History

S43	0	S42 and (((S5ball near lens) with (direct or collimat\$4 or parallel)) with gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:37
S44	1	S42 and (((S5ball near lens) with (direct or collimat\$4 or parallel)) same gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:38
S45	18	S42 and (((S5ball near lens) with (direct or collimat\$4 or parallel)) and gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:38
S46	1	("5341214").PN.	USPAT	OR	OFF	2006/02/02 10:38
S47	657241	"2" and (inlet same outlet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:42
S48	44105	gas near analy\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 11:42
S49	6717	S48 and (inlet same outlet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:42
S50	555	S48 and ((inlet same outlet) same parallel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:42
S51	31	S48 and (((inlet same outlet) same parallel) same infrared)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:42

## EAST Search History

S52	2335	infrared with (gas near analy\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:46
S53	2155	infrared with (gas near analy\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:46
S54	93	(infrared with (gas near analy\$5)) same (inlet same outlet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 10:46
S55	0	(gas near analy\$5) same ((high near aperture) near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 11:43
S56	1	(gas near analy\$5) same ((high near2 aperture) near2 lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/02 11:43
S57	1	(gas near analy\$5) same ((high with numerical with aperture) with lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:40
S58	880	(gas near analy\$5) and ((inlet same outlet) same opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:43
S59	254	(gas near analy\$5) same ((inlet same outlet) same opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:41



## EAST Search History

S60	68	(gas near analy\$5) same ((inlet same outlet) same (opposite near side))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:41
S61	2	S60 and ndir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:42
S62	12	S60 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:43
S63	400	(gas near analy\$5) and ((inlet with outlet) with opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:43
S64	58	S63 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:43
S65	121	(gas near analy\$5) and ((inlet with outlet) with opposite with side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:44
S66	21	S65 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:43
S67	13	(infrared with (gas near analy\$5)) and ((inlet with outlet) with opposite with side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 14:10

## EAST Search History

S68	291	250/338.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 14:10
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